

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104963.D
 Acq On : 1 May 2018 5:37
 Operator : JU/SJ
 Sample : J2617-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 07:31:38 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 15:20:08 2018
 Response via : Initial Calibration

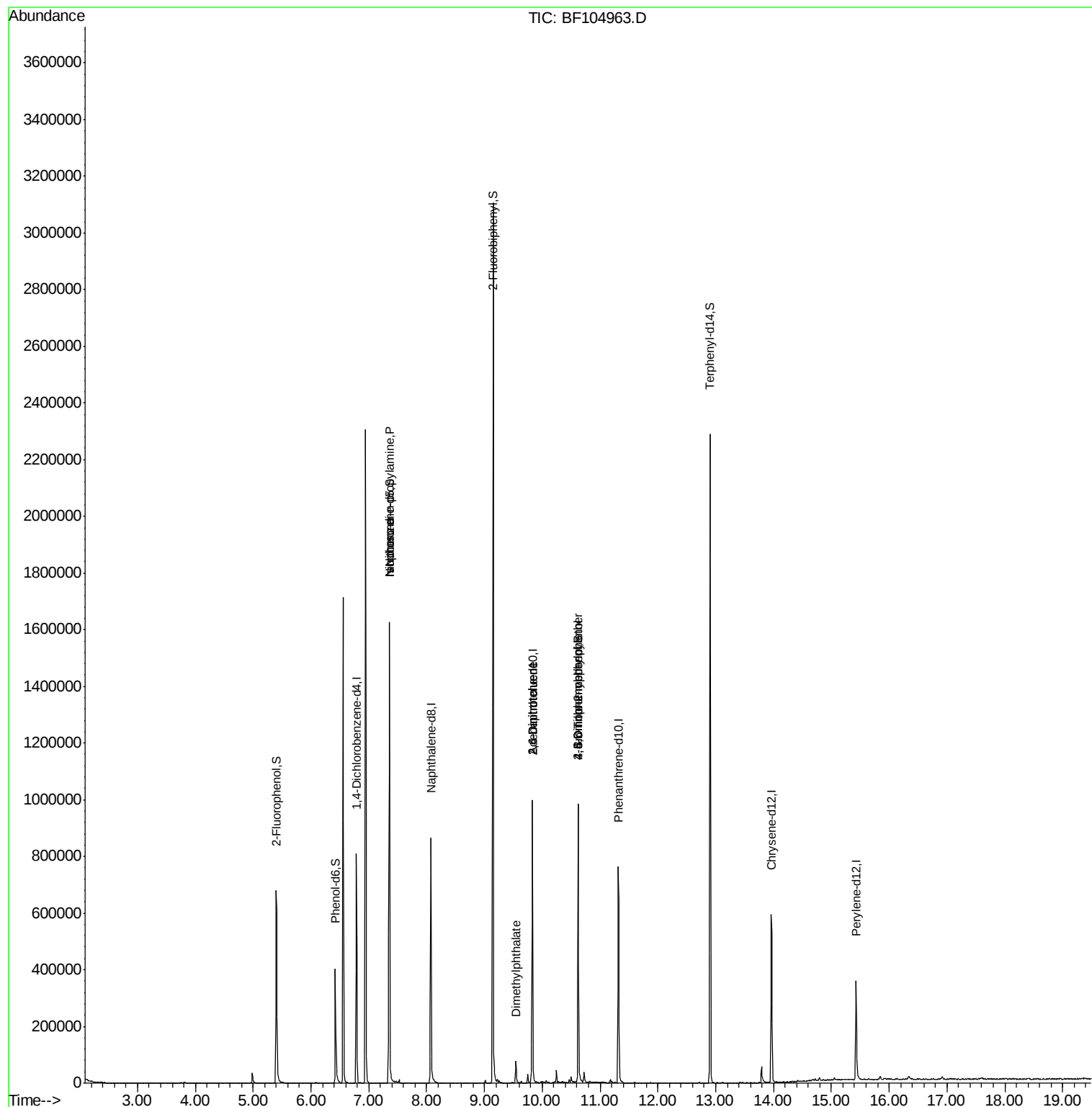
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	113042	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	460096	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	196886	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	310981	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	230756	20.00	ng	-0.01
86) Perylene-d12	15.43	264	178556	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	233595	31.60	ng	0.00
7) Phenol-d6	6.42	99	168421	18.54	ng	-0.02
23) Nitrobenzene-d5	7.36	82	598595	84.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	134893	66.05	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1052909	84.48	ng	0.00
78) Terphenyl-d14	12.90	244	824373	81.45	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	79037	13.32	ng	# 72
25) Isophorone	7.36	82	598592	40.17	ng	# 64
49) Dimethylphthalate	9.55	163	36074	2.32	ng	99
50) 2,6-Dinitrotoluene	9.83	165	25002	8.70	ng	# 24
56) 2,4-Dinitrotoluene	9.83	165	25002	6.63	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.62	198	109	7.41	ng	85
66) 4-Bromophenyl-phenylether	10.62	248	7881	2.38	ng	# 1
76) Benzidine	12.90	184	10313	Below Cal		# 94

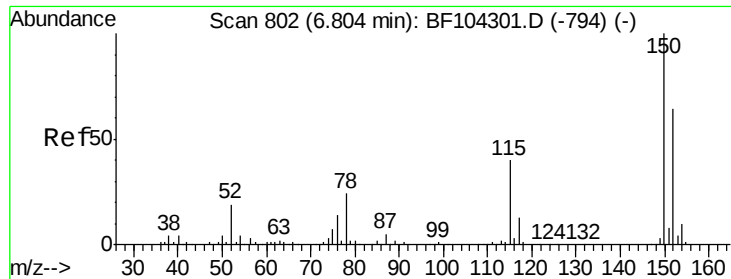
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
Data File : BF104963.D
Acq On : 1 May 2018 5:37
Operator : JU/SJ
Sample : J2617-06
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 01 07:31:38 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 30 15:20:08 2018
Response via : Initial Calibration



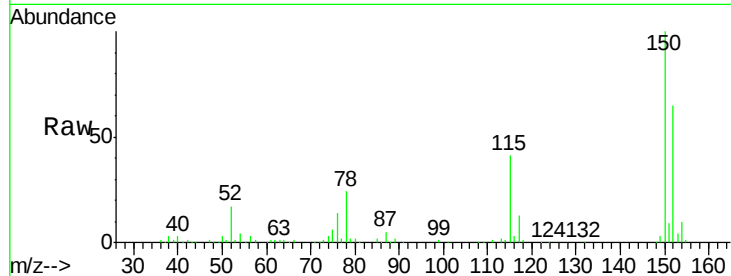


#1

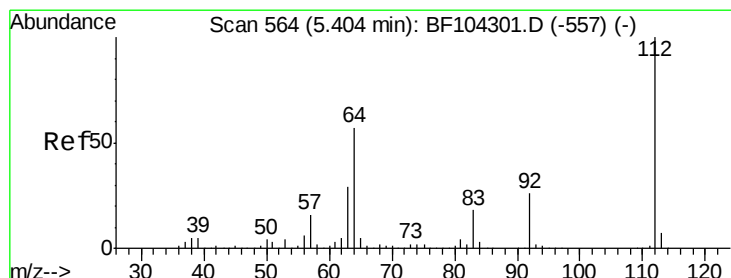
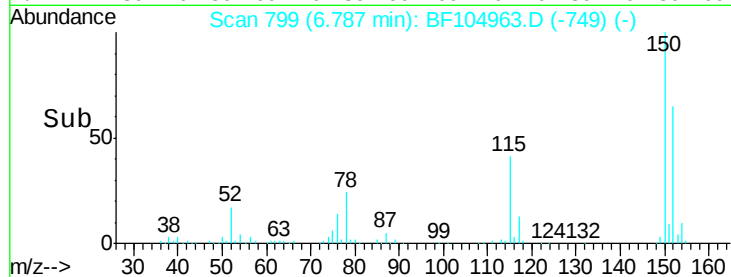
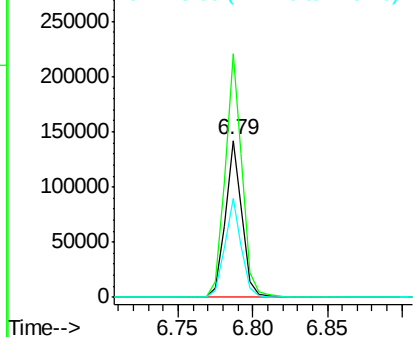
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF104963.D
Acq: 1 May 2018 5:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 113042
Ion Ratio Lower Upper
152 100
150 155.0 124.6 186.8
115 63.2 50.1 75.1



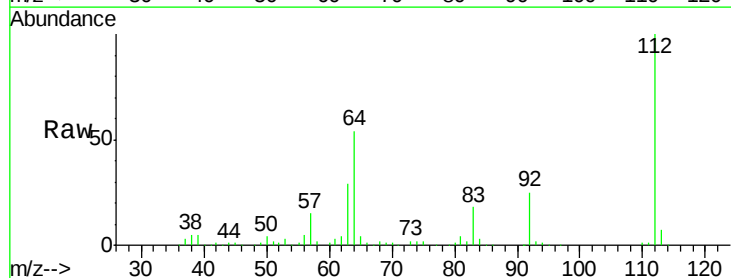
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



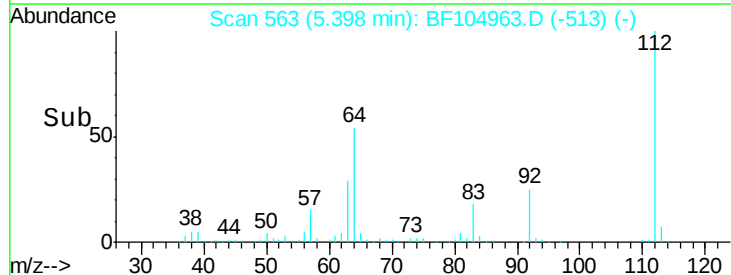
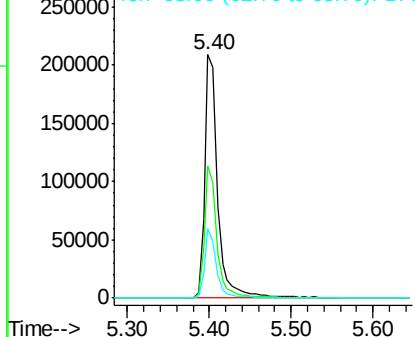
#5

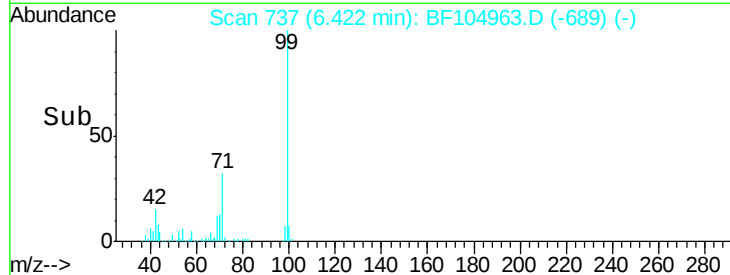
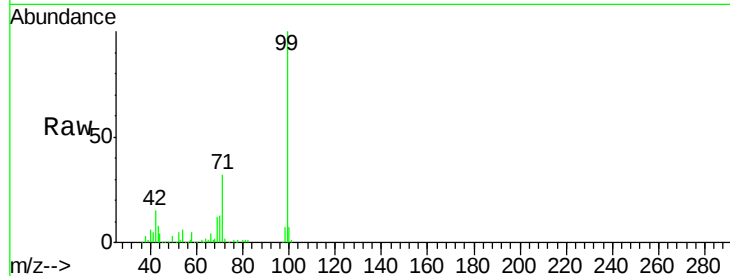
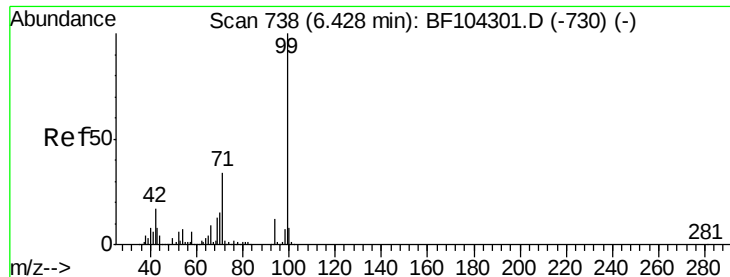
2-Fluorophenol
Concen: 31.60 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF104963.D
Acq: 1 May 2018 5:37

Tgt Ion:112 Resp: 233595
Ion Ratio Lower Upper
112 100
64 54.1 47.9 71.9
63 28.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 18.54 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF104963.D

Acq: 1 May 2018 5:37

Instrument :

BNA_F

ClientSampleId :

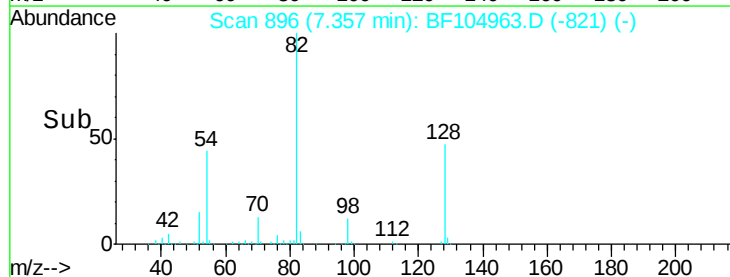
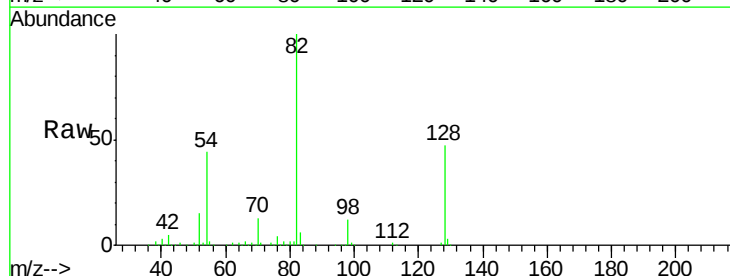
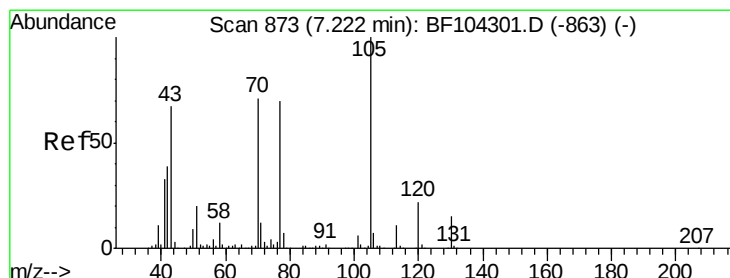
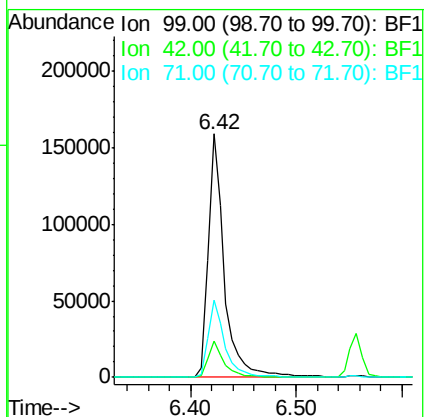
Tot Ion: 99 Resp: 168421

Ion Ratio Lower Upper

99 100

42 14.7 14.5 21.7

71 31.7 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.32 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF104963.D

Acq: 1 May 2018 5:37

Tgt Ion: 70 Resp: 79037

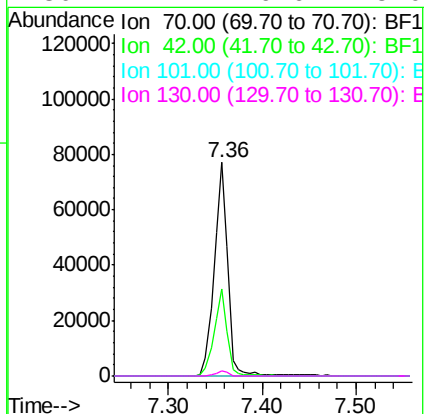
Ion Ratio Lower Upper

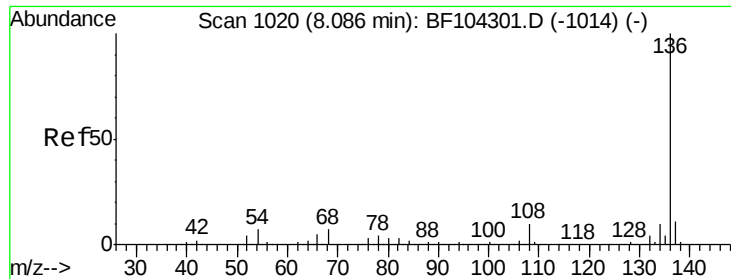
70 100

42 40.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

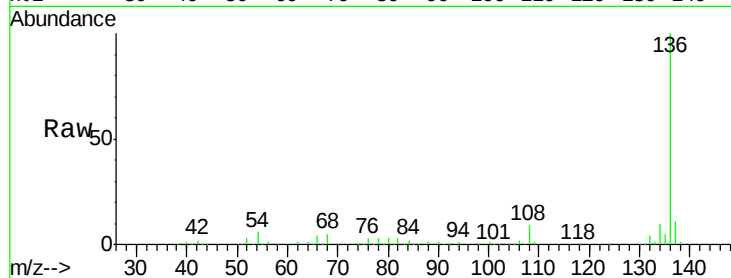




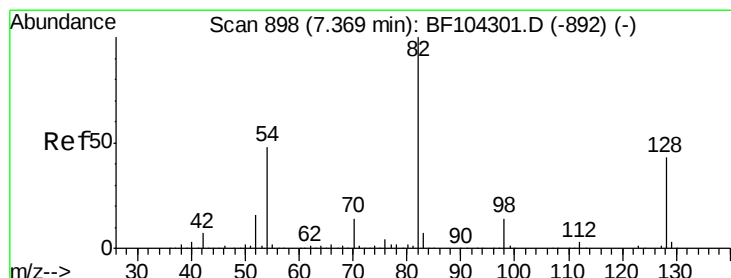
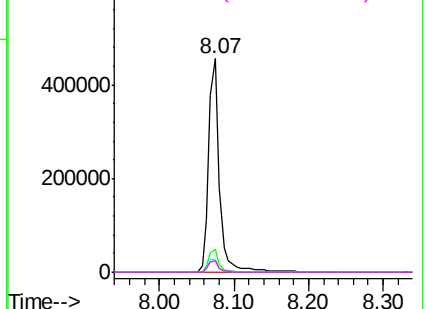
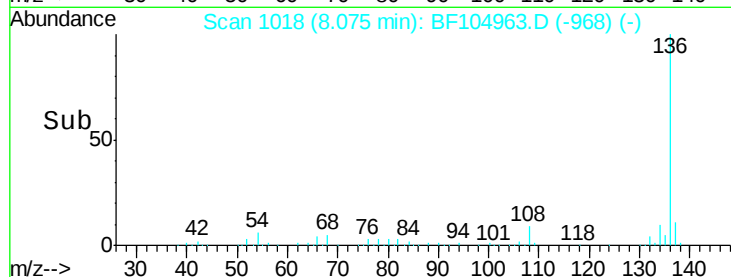
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF104963.D
Acq: 1 May 2018 5:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	460096
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	6.0	6.6 9.8#
68	5.5	5.0 7.4

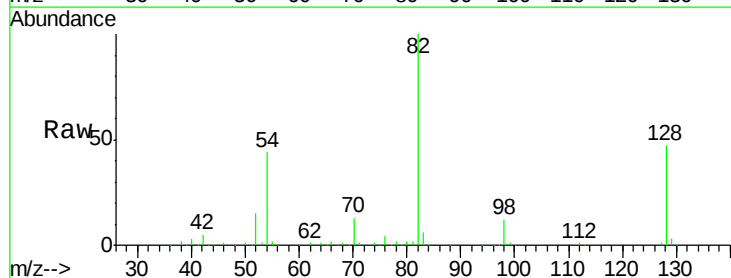


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

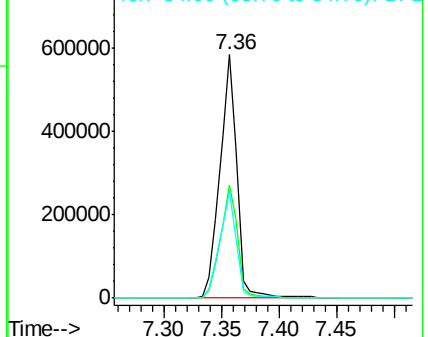
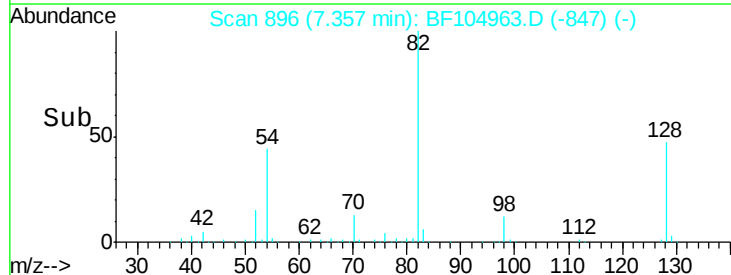


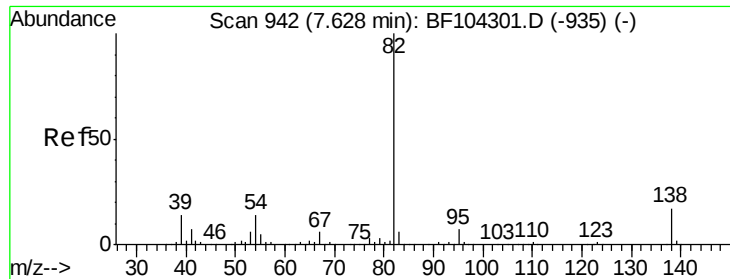
#23
Nitrobenzene-d5
Concen: 84.95 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF104963.D
Acq: 1 May 2018 5:37

Tgt Ion: 82	Resp:	598595
Ion Ratio	Lower	Upper
82	100	
128	46.7	36.1 54.1
54	44.1	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 40.17 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF104963.D

Acq: 1 May 2018 5:37

Instrument :

BNA_F

ClientSampleId :

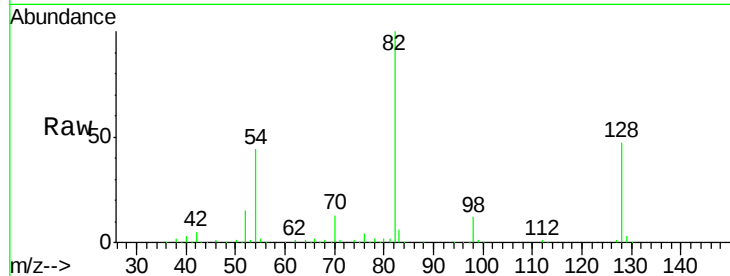
Tot Ion: 82 Resp: 598592

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

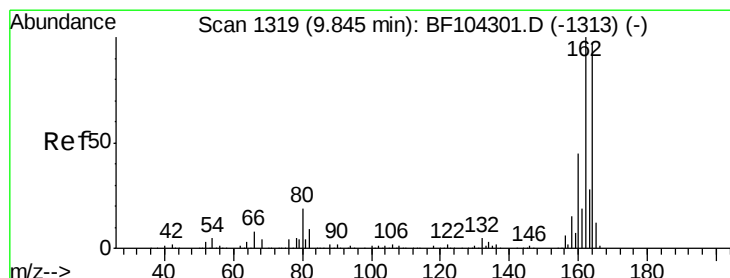
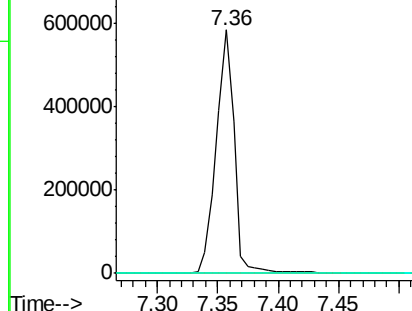
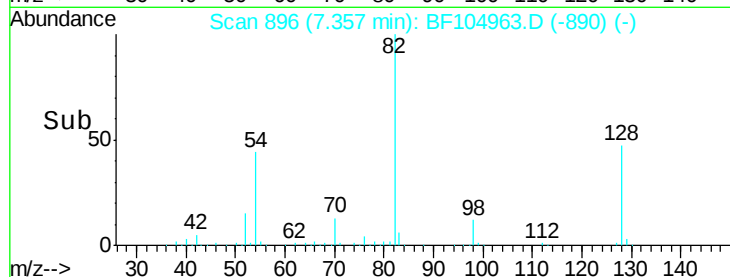
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF104963.D

Acq: 1 May 2018 5:37

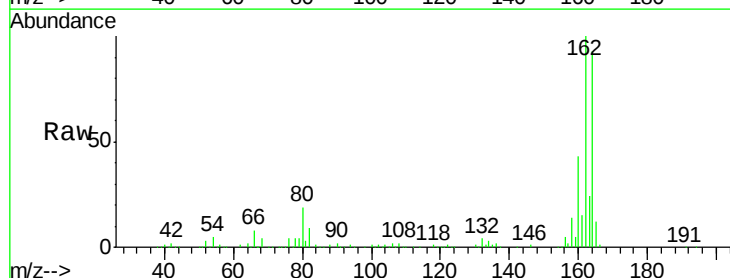
Tgt Ion: 164 Resp: 196886

Ion Ratio Lower Upper

164 100

162 107.1 86.1 129.1

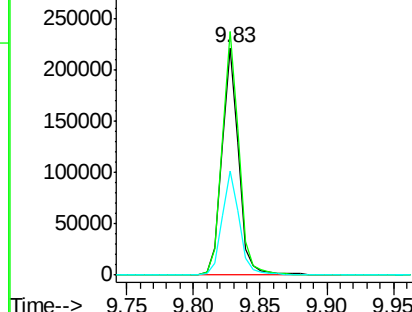
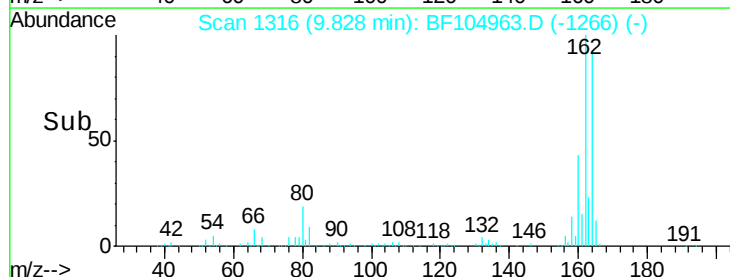
160 45.8 38.3 57.5

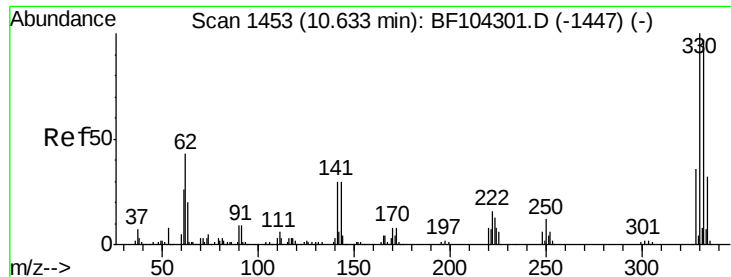


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

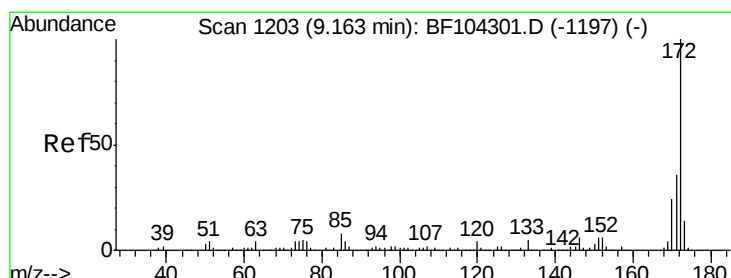
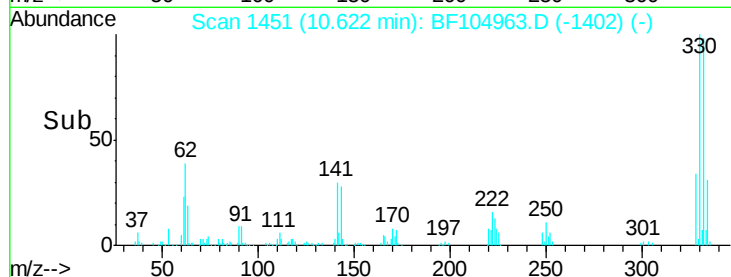
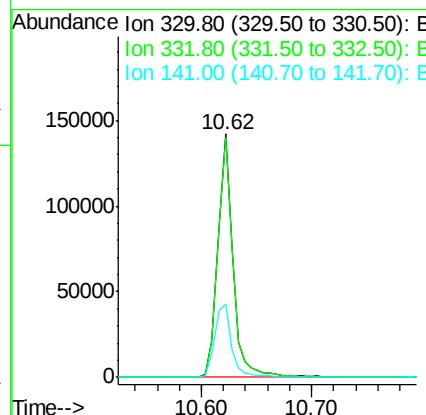
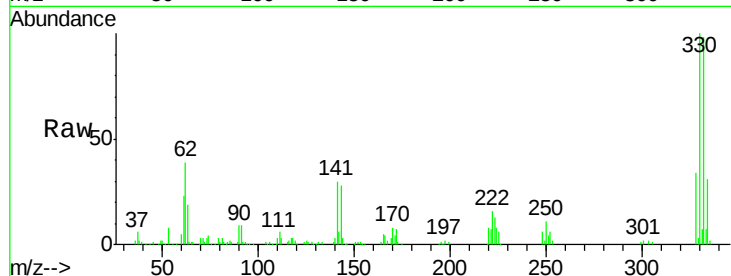




#41
 2,4,6-Tribromophenol
 Concen: 66.05 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF104963.D
 Acq: 1 May 2018 5:37

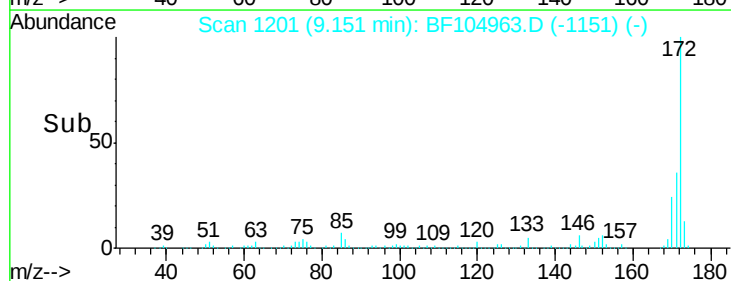
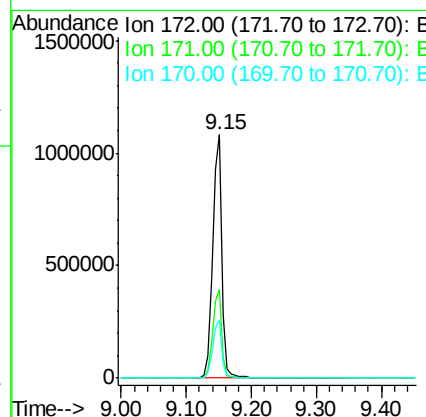
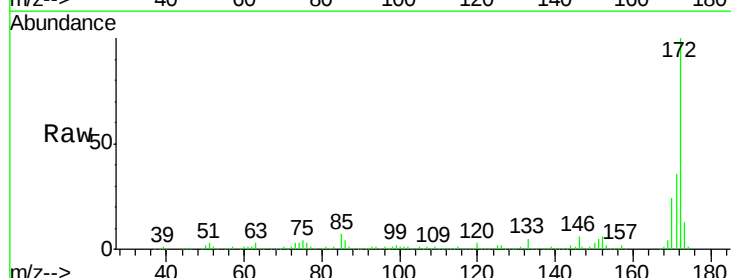
Instrument :
 BNA_F
 ClientSampleId :

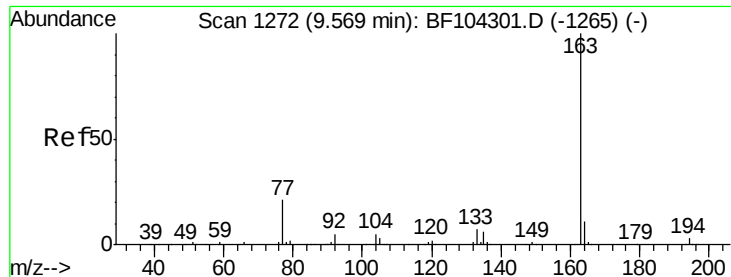
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.5	77.0	115.6
141	33.3	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 84.48 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF104963.D
 Acq: 1 May 2018 5:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.0	19.6	29.4

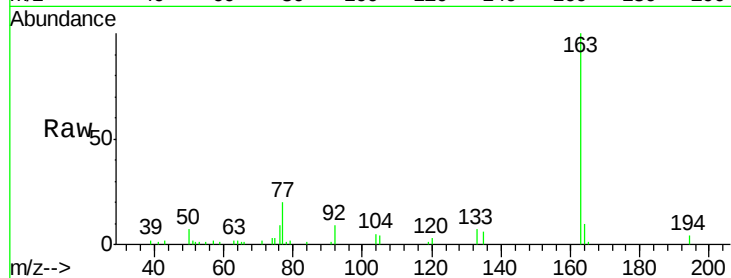




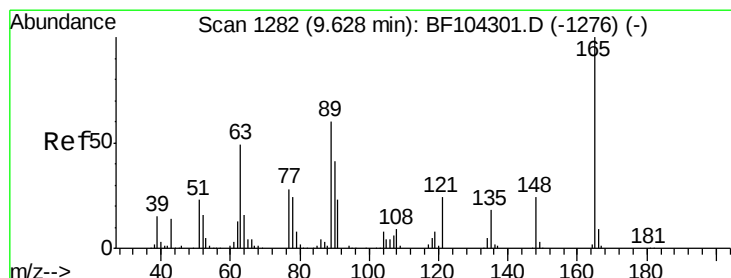
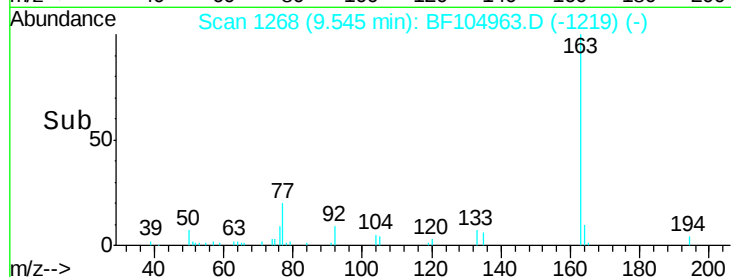
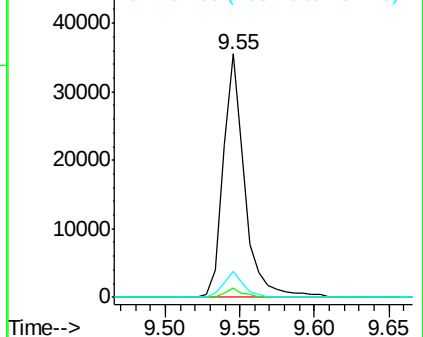
#49
Dimethylphthalate
Concen: 2.32 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF104963.D
Acq: 1 May 2018 5:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 36074
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.5 8.2 12.2

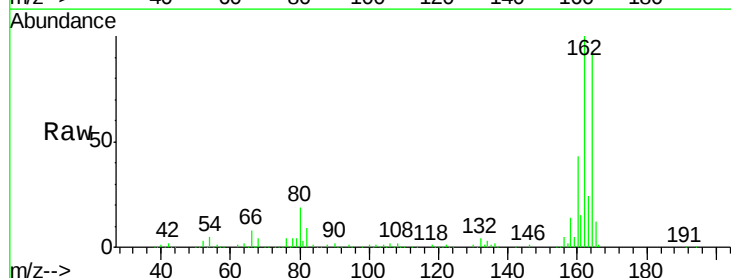


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

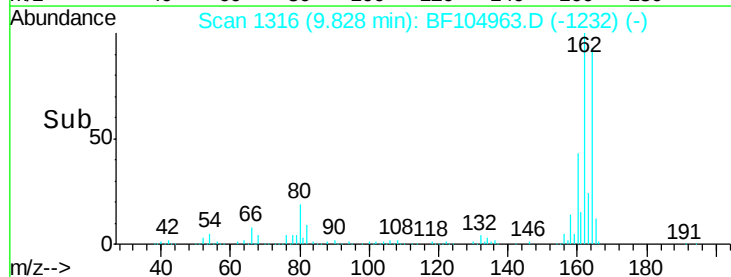
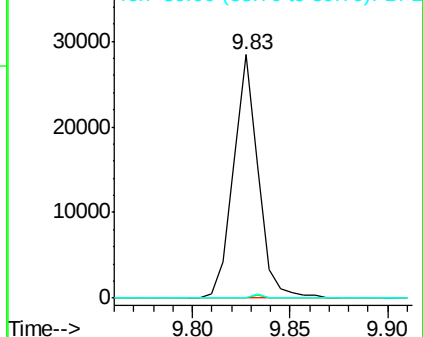


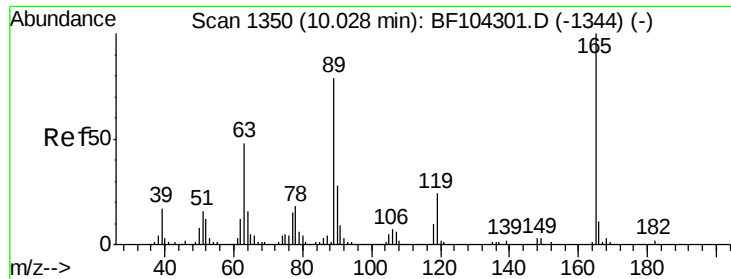
#50
2,6-Dinitrotoluene
Concen: 8.70 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.19 min
Lab File: BF104963.D
Acq: 1 May 2018 5:37

Tgt Ion:165 Resp: 25002
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

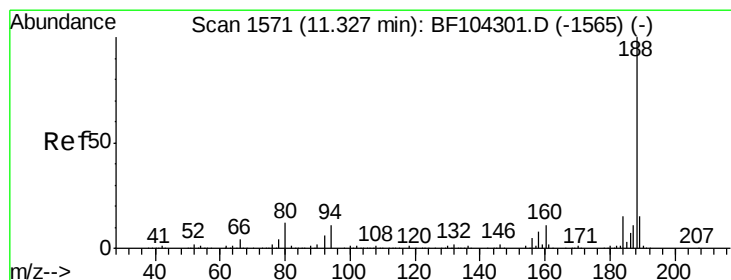
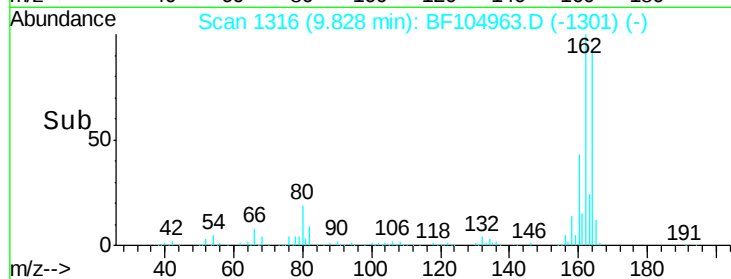
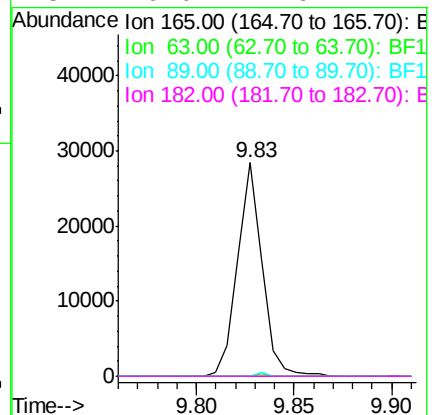
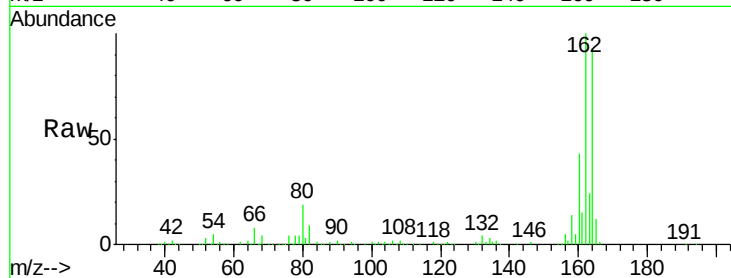




#56
 2,4-Dinitrotoluene
 Concen: 6.63 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF104963.D
 Acq: 1 May 2018 5:37

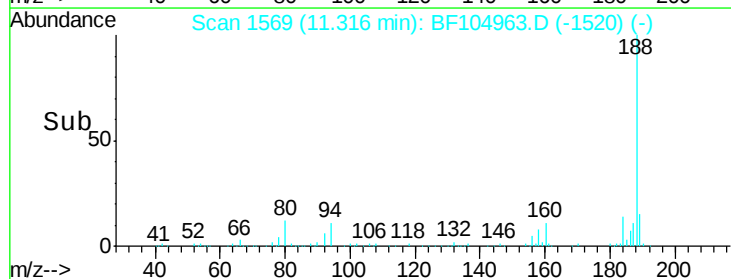
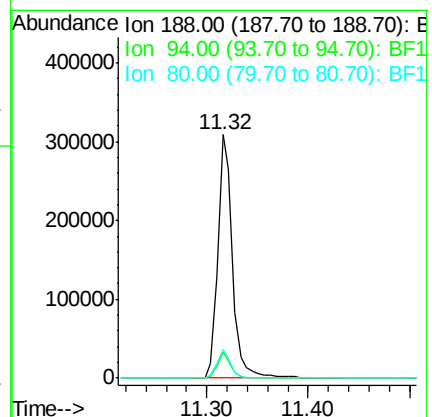
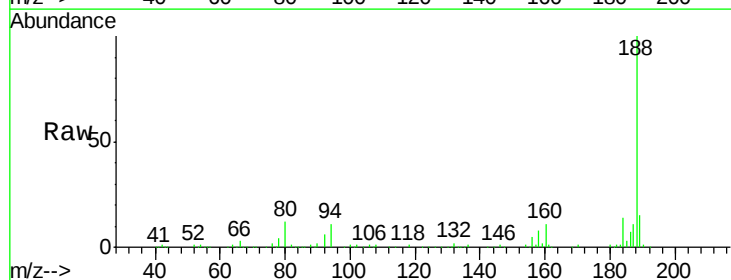
Instrument :
 BNA_F
 ClientSampleId :

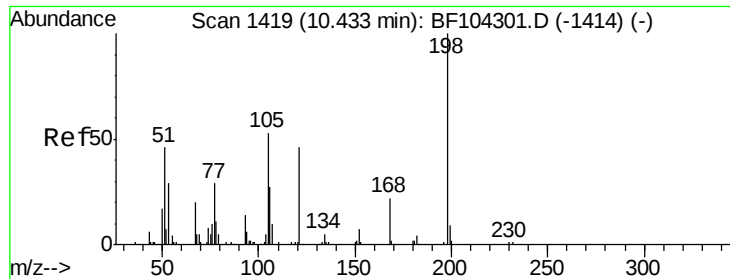
Tot Ion:165 Resp: 25002
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 0.0 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF104963.D
 Acq: 1 May 2018 5:37

Tgt Ion:188 Resp: 310981
 Ion Ratio Lower Upper
 188 100
 94 10.7 8.5 12.7
 80 11.8 9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 7.41 ng

RT: 10.62 min Scan# 1450

Delta R.T. 0.16 min

Lab File: BF104963.D

Acq: 1 May 2018 5:37

Instrument :

BNA_F

ClientSampleId :

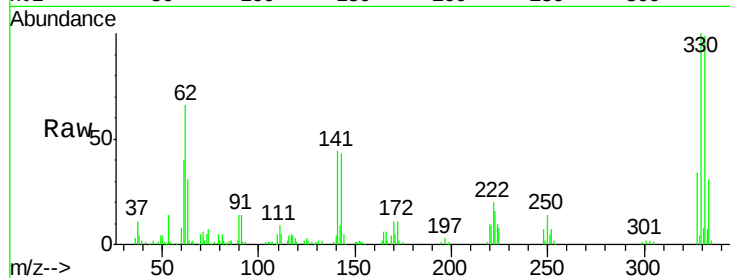
Tot Ion:198 Resp: 109

Ion Ratio Lower Upper

198 100

51 39.6 37.7 77.7

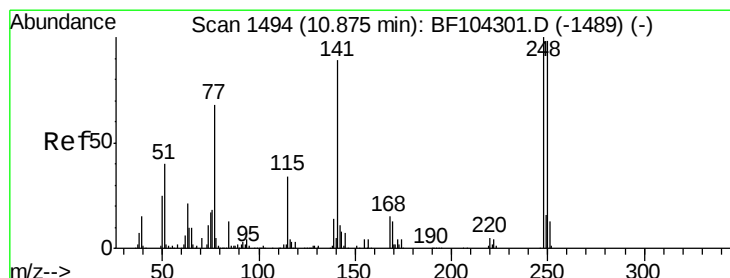
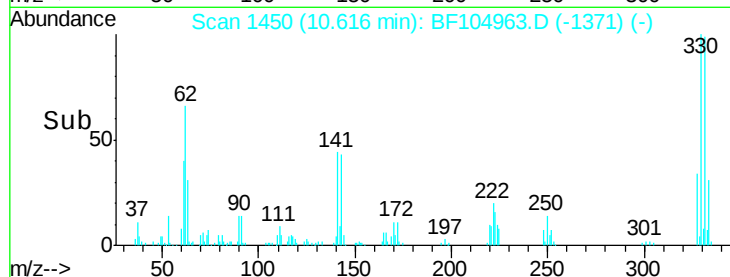
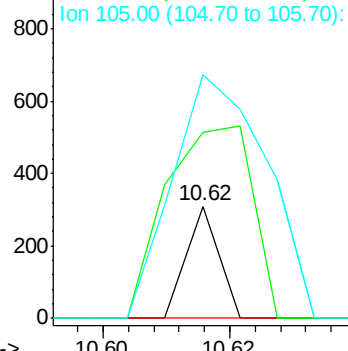
105 51.9 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 2.38 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.25 min

Lab File: BF104963.D

Acq: 1 May 2018 5:37

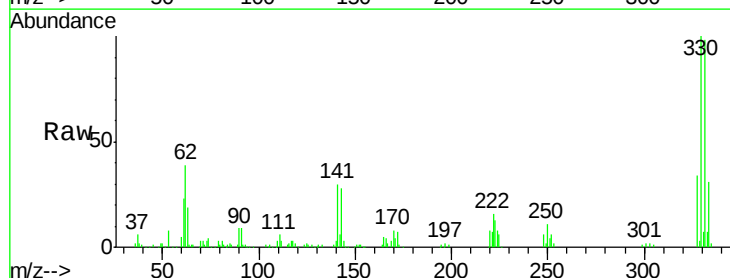
Tgt Ion:248 Resp: 7881

Ion Ratio Lower Upper

248 100

250 198.0 76.9 115.3#

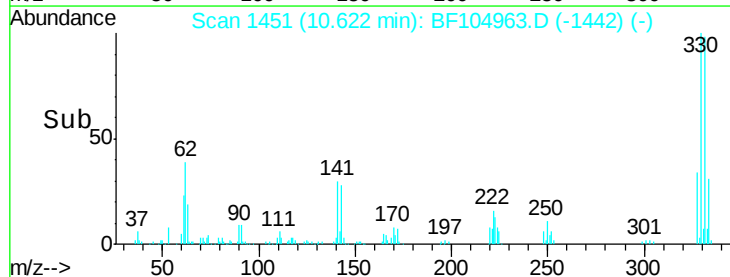
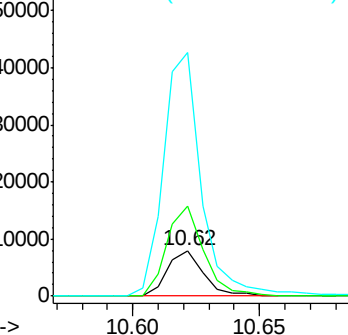
141 532.1 74.4 111.6#

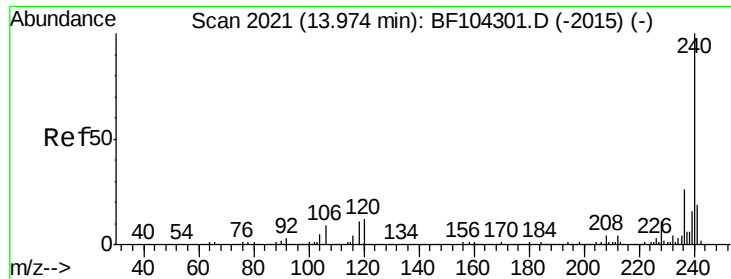


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

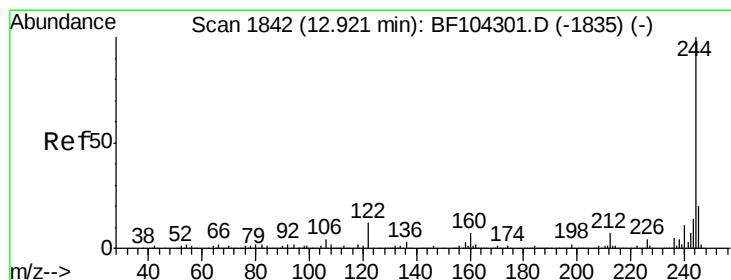
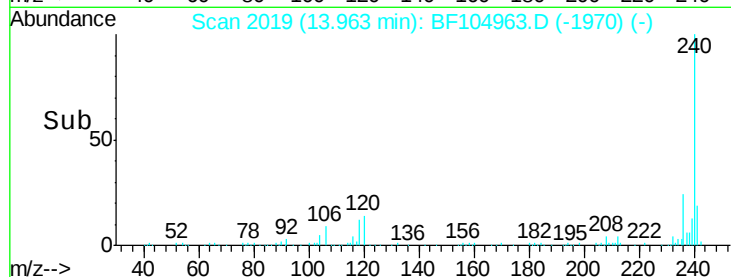
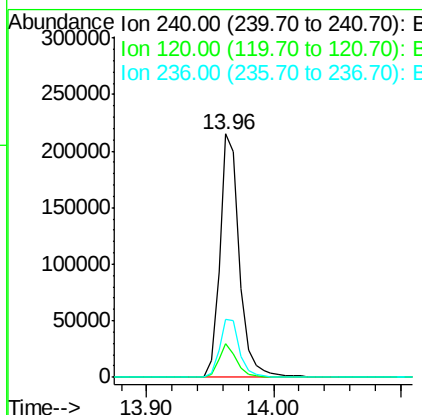
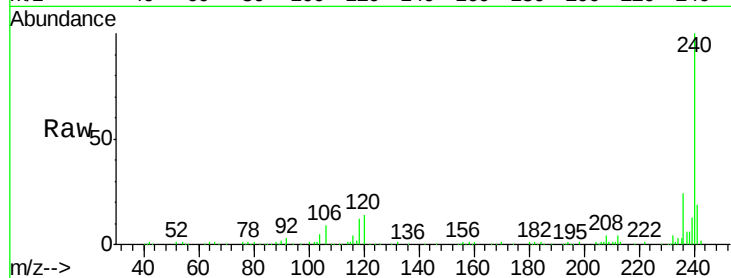




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF104963.D
 Acq: 1 May 2018 5:37

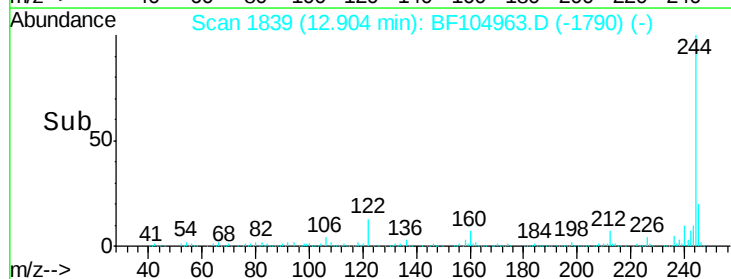
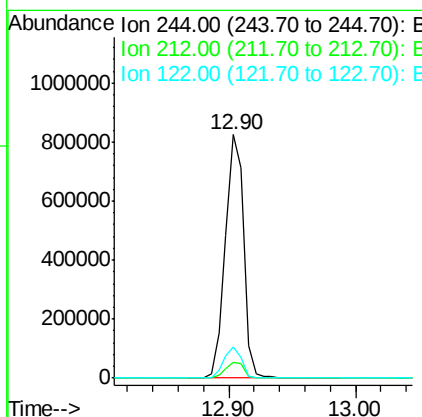
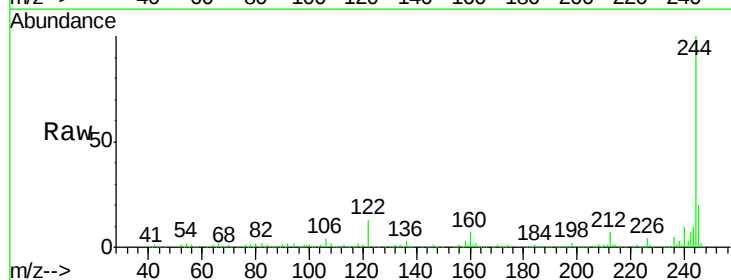
Instrument :
 BNA_F
 ClientSampled :

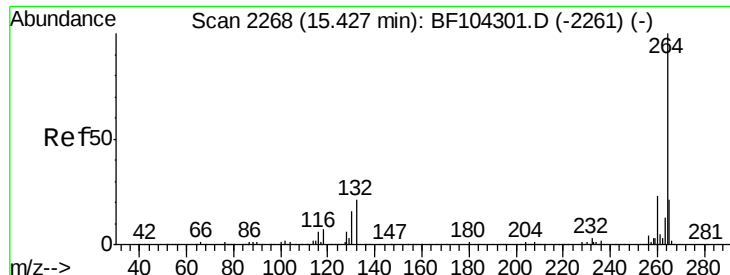
Tot Ion:240 Resp: 230756
 Ion Ratio Lower Upper
 240 100
 120 13.9 9.5 14.3
 236 24.0 20.7 31.1



#78
 Terphenyl-d14
 Concen: 81.45 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF104963.D
 Acq: 1 May 2018 5:37

Tgt Ion:244 Resp: 824373
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 13.0 11.0 16.4

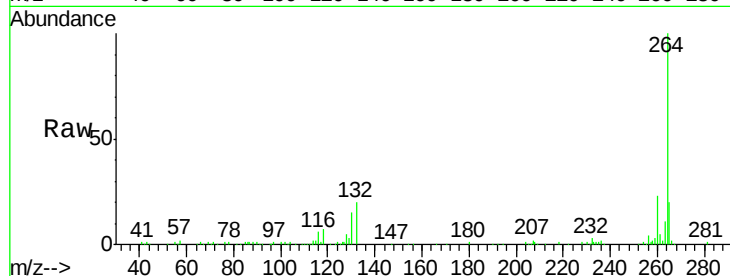




#86
Pervlone-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF104963.D
Acq: 1 May 2018 5:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	20.2	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

